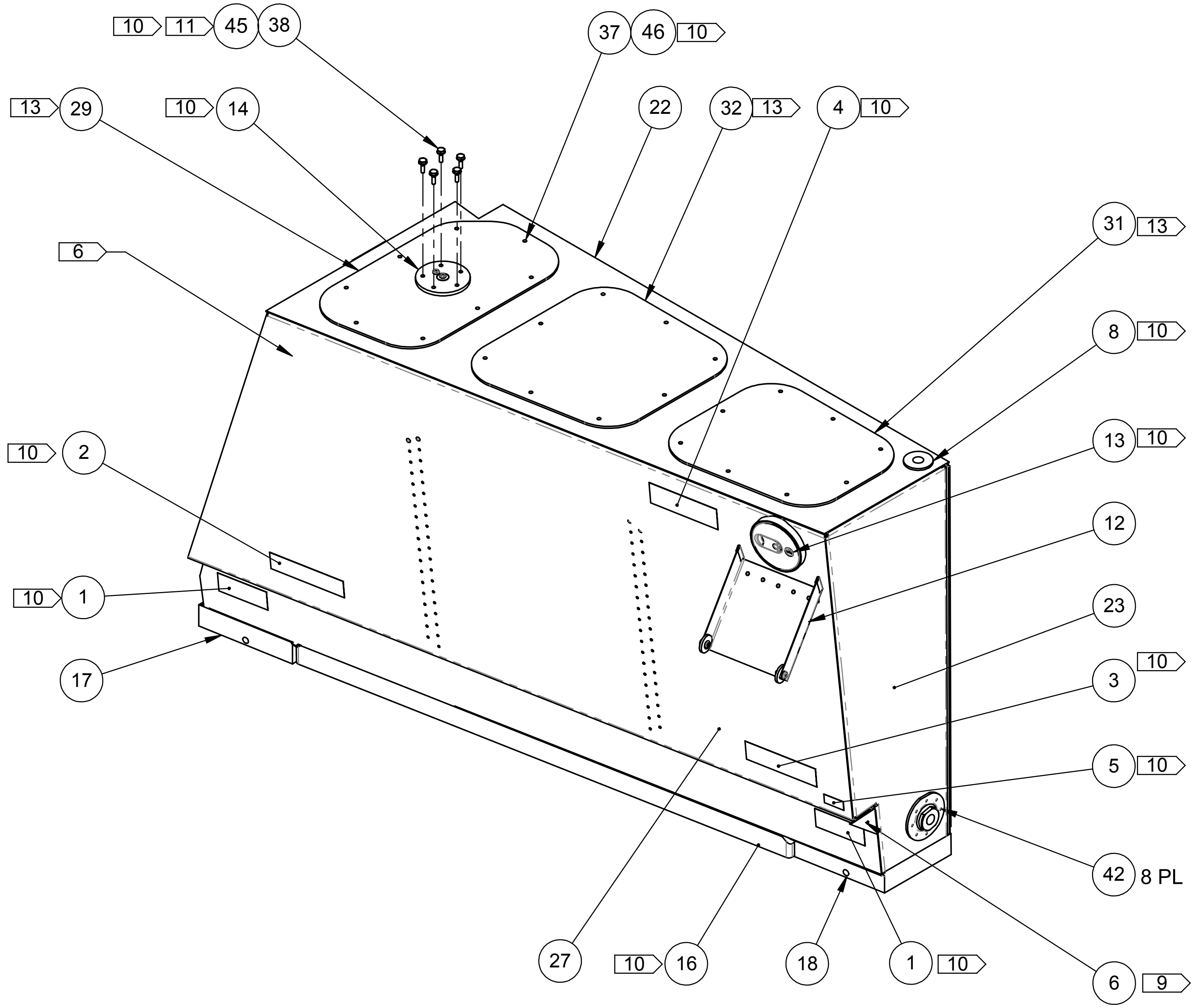
ITEM	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X		**D4464-041**	**FUEL TANK ASSEMBLY**
		X	**D4464-043**	**FUEL TANK ASSEMBLY**
1	2	2	D3997-5	PLACARD (AUX FUEL DRAIN)
2	1	1	D3997-11	PLACARD (LOADING)
3	1	1	D3997-17	PLACARD (STOWAGE)
4	1	1	D3997-29	PLACARD (WARNING)
5	1	1	D3997-43	PLACARD (EARTH)
6	1	1	D3999-7	CORNER
7	1	1	D4000-1	FITTING
8	1	1	D4000-5	FUEL TANK VENT FITTING
9	3	3	D4000-9	GROMMET
10	1	1	D4000-045	FUEL PICK UP AND STRAINER ASSEMBLY
11	1	1	D4008-11	TANK HINGE HALF
12	1	1	D4008-041	FUEL FILLER SPLASH GUARD ASSEMBLY
13	1	1	D4023-3	FUEL CAP AND FLANGE
14	1	1	D5473-063	FUEL SENDER ASSEMBLY
15	3	3	D4057-1	RETAINER
16	1	1	D4062-041	TANK SUPPORT
17	1	1	D4125-1	FWD SEDIMENT BOWL
18	1	1	D4125-3	AFT SEDIMENT BOWL
19	2	2	D4404-5	CUSHION, FWD
20	1	1	D4462-1	BAFFLE
21	1	1	D4462-3	BAFFLE
22	1	1	D4463-041	TOP TANK ASSEMBLY
23	1	1	D4463-3	TANK AFT END
24	1	1	D4463-5	TANK UPPER CUT OUT
25	1	1	D4463-7	TANK FORWARD END
26	1	1	D4463-9	TANK BACK
27	1	1	D4463-11	TANK FRONT
28	1	1	D4463-13	TANK BOTTOM
29	1		D4577-041	FWD ACCESS PANEL ASSEMBLY
30		1	D4577-043	FWD ACCESS PANEL ASSEMBLY
31	1		D4577-1	REAR ACCESS PANEL
32	1		D4577-3	MIDDLE ACCESS PANEL
33		1	D4577-7	REAR ACCESS PANEL
34		1	D4577-9	MID ACCESS PANEL
35	1	1	D4968-1	CUSHION, SIDE
36	1	1	D4975-1	ANGLE BRACKET
37	24		AN3-5A	BOLT
38	5	5	AN3H5A	BOLT
39	4	4	AN3-7A	BOLT
40	4	4	MS20426AD4-4	RIVET, CSK
41	165	165	MS20470AD4-4	RIVET, PANHEAD
42	8	8	MS20470AD4-6	RIVET, PANHEAD
43	4	4	MS21042L3	NUT
44		24	MS24693-C273	SCREW, COUNTERSUNK
45	32	8	NAS1149D0332J	WASHER
46	24	24	NAS1149D0363J	WASHER

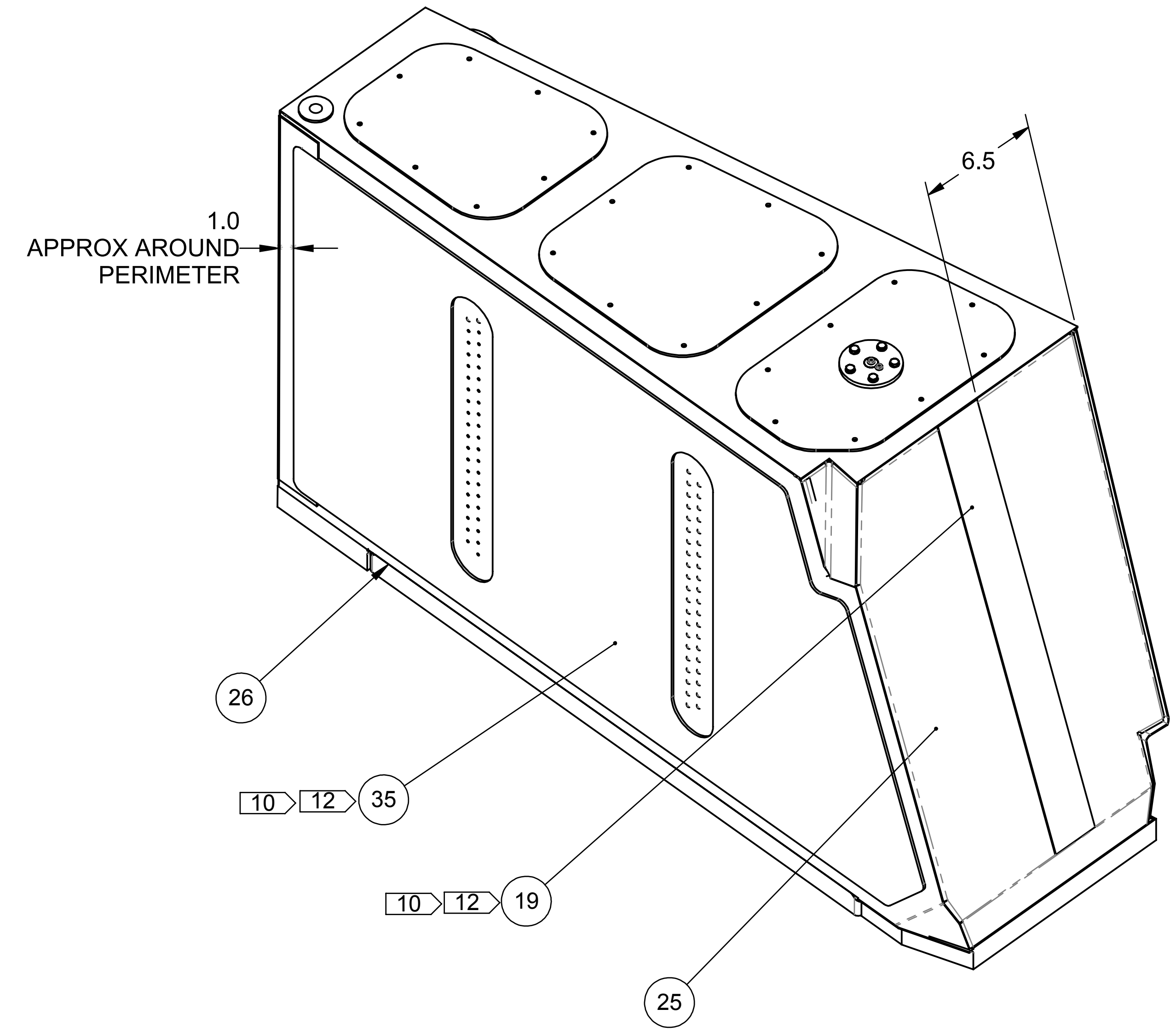
REV.	DESCRIPTION	BY	DATE
J	ADD -043 CONFIGURATION PER PAR15-432. CORRECT -041 QTY P/N NAS1149D0332J WAS 26 IS 32, QTY P/N AN3H5A WAS 18 IS 5.	PM	19.02.06
I	REPLACED D4025-5 FUEL SENDER ASSY WITH D5473-063 FUEL SENDER ASSY	WK	17.08.01
H	REPLACED NOTE 8 (SHT 2), ADDED NOTE 14 (SHT 2), ADDED AUXILIARY VIEW (SHT 3), ADDED NOTE 15 (SHT 4), REPLACED NOTE 13 (SHT 5), SHT 4 WAS SHT 3, SHT 5 WAS SHT 4, REMOVED D4124-1 TABS & AN3-6A BOLTS, CHEMICAL CONVERSION COAT NOW AFTER WELDING (SHT 5), ADD AN3-7A BOLTS	CC	15.02.06
G	FINISH "FLAT GREY" WAS "GREY" (SHT 2); PICTORIAL UPDATE FOR D4000-1 & D4462-1	AP	14.12.05
F	AN3-5A WAS AN3C4A QTY. 24 (ZN D6-2) AN3H5A WAS AN3-5A QTY. 5 (ZN D7-2) MS20470AD4-6 WAS MS20426AD4-6 QTY. 8 (ZN B5-2) D4000-1 IS NO LONGER INSTALLED WITH COUNTERSUNK RIVETS UPDATE NOTE 10 ON SHEET 3	ML	14.06.27
E	UPDATED -041 WITH RE-DESIGNED D4463-3/-9/-11 AND D4462-1/-3. D4968-1 REPLACES D4404-5 ON TANK SIDE (ZN C3-2) REF NCR 13-3100 AN3-6A REPLACES MS35206-266 (ZN B8-2) NAS1149D0332J REPLACES 5 X NAS1149D0363J (ZN D7-2) REF PAR 12-217 D4975-1 REPLACES D3999-9 (ZN C3-2) REMOVED TAB D3999-11 AND MOVED D3997-43 PLACARD (ZN B6-5) UPDATED BILL OF MATERIALS REVISED ALL NOTES REMOVED SHEET 5	ML	14.05.13
D	ADDED NOTE RE HAND FORMING D4124-1, ZN A8-4.	DC	12.05.02
C	UPDATED -041 WITH RE-DESIGNED D4463-11/-13 REV. C PARTS, ZN B6-2. UPDATED -041 WITH RE-DESIGNED D4577-041/-3/-5 PARTS, ZN C6-2.	DC	12.03.27
B	UPDATED -041 WITH RE-DESIGNED PARTS. REMOVED D4463-13. ADDED D4577-041/-1/-5 ACCESS PANELS, ZN C6-2.	DC	11.12.14
A	NEW ISSUE. REF PAR11-117 & CAR 11-54.	DC	11.10.19

PRELIMINARY ISSUE

DESIGN	ML	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	PM	
CHECKED	RF	DRAWING NO. D4464 — REV. J — SHEET 1 OF 6
MFG. APPR.	DD	
APPROVED	HS	TITLE: TANK ASSEMBLY — SCALE: NTS
DE APPR.	DS	
DATE	19.02.06	



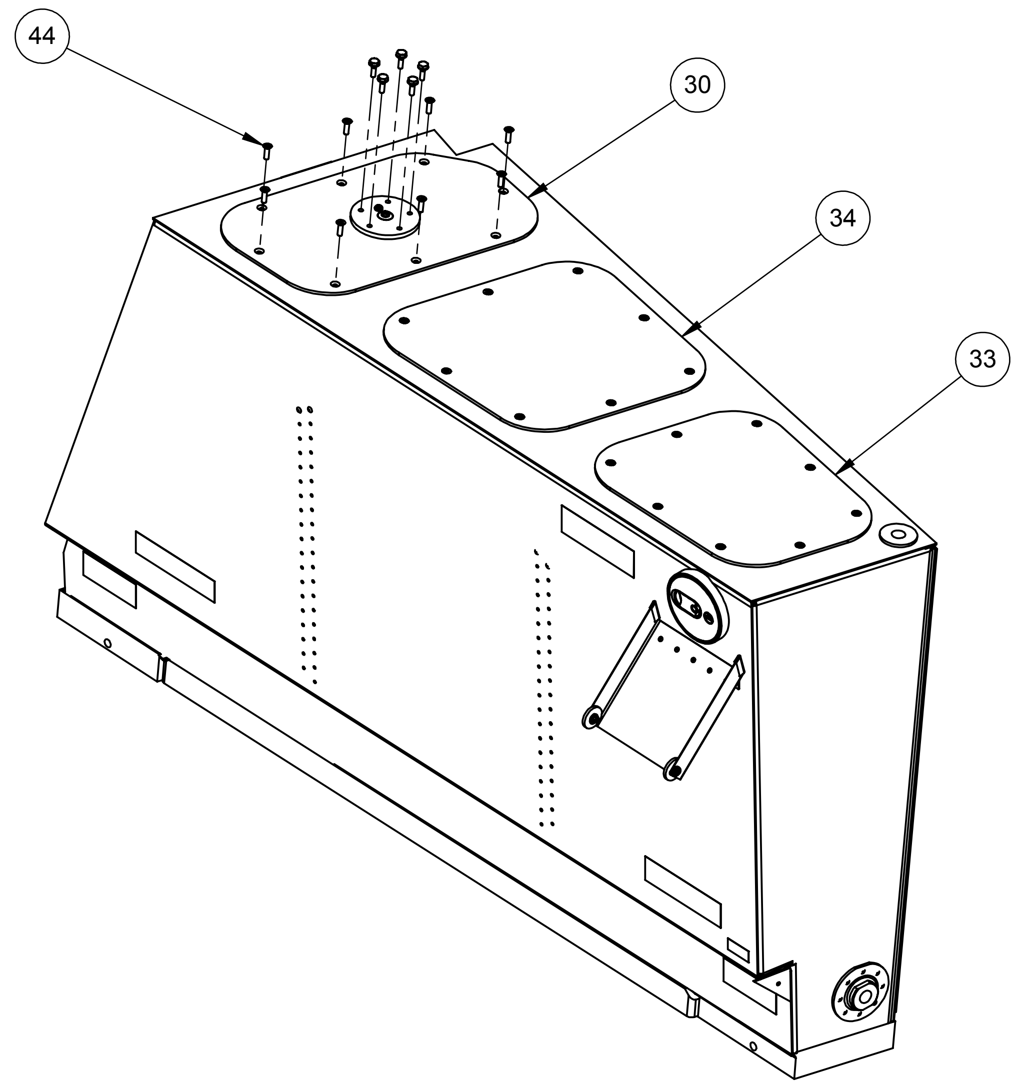
D4464-041 FUEL TANK ASSEMBLY



NOTES:
1) MATERIAL: N/A
2) FINISH: PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2.1
PAINT FLAT GREY (4.2.2.3) PER DART QSI 005 4.2.2
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-143" USING D2729-1 RED DECAL
7) WEIGHT: 39.67 lbs
8) LPI AND PRESSURE TEST PER DART QSI 038 6.3
9) MASK PRIOR TO FINISH
10) INSTALL AFTER FINISH
11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
12) INSTALL CUSHION USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
13) INSTALL D4577-041/-1/-3 ACCESS PANELS WET WITH PROSEAL P/S 890B.

PRELIMINARY ISSUE

DESIGN	ML	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	PM	
CHECKED	RF	DRAWING NO. D4464 — REV. J
MFG. APPR.	DD	SHEET 2 OF 6
APPROVED	HS	TITLE — SCALE
DE APPR.	DS	TANK ASSEMBLY — NTS
DATE	19.02.06	



NOTES:
1) MATERIAL: N/A
2) FINISH: PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2.1
PAINT FLAT GREY (4.2.2.3) PER DART QSI 005 4.2.2
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-1 RED DECAL
7) WEIGHT: 39.67 lbs
8) LPI AND PRESSURE TEST PER DART QSI 038 6.3
9) MASK PRIOR TO FINISH
10) INSTALL AFTER FINISH
11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
12) INSTALL CUSHION USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
13) INSTALL D4577-043/-7/-9 ACCESS PANELS WET WITH PROSEAL P/S 890B.

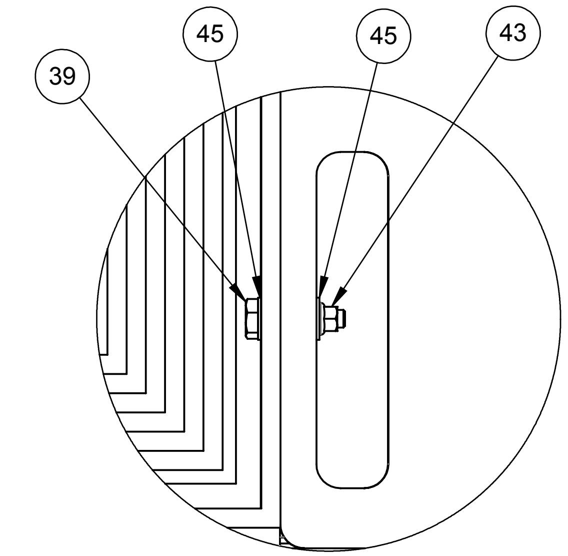
J △ **D4464-043 FUEL TANK ASSEMBLY**
(SAME AS D4464-041 EXCEPT AS NOTED)

PRELIMINARY ISSUE

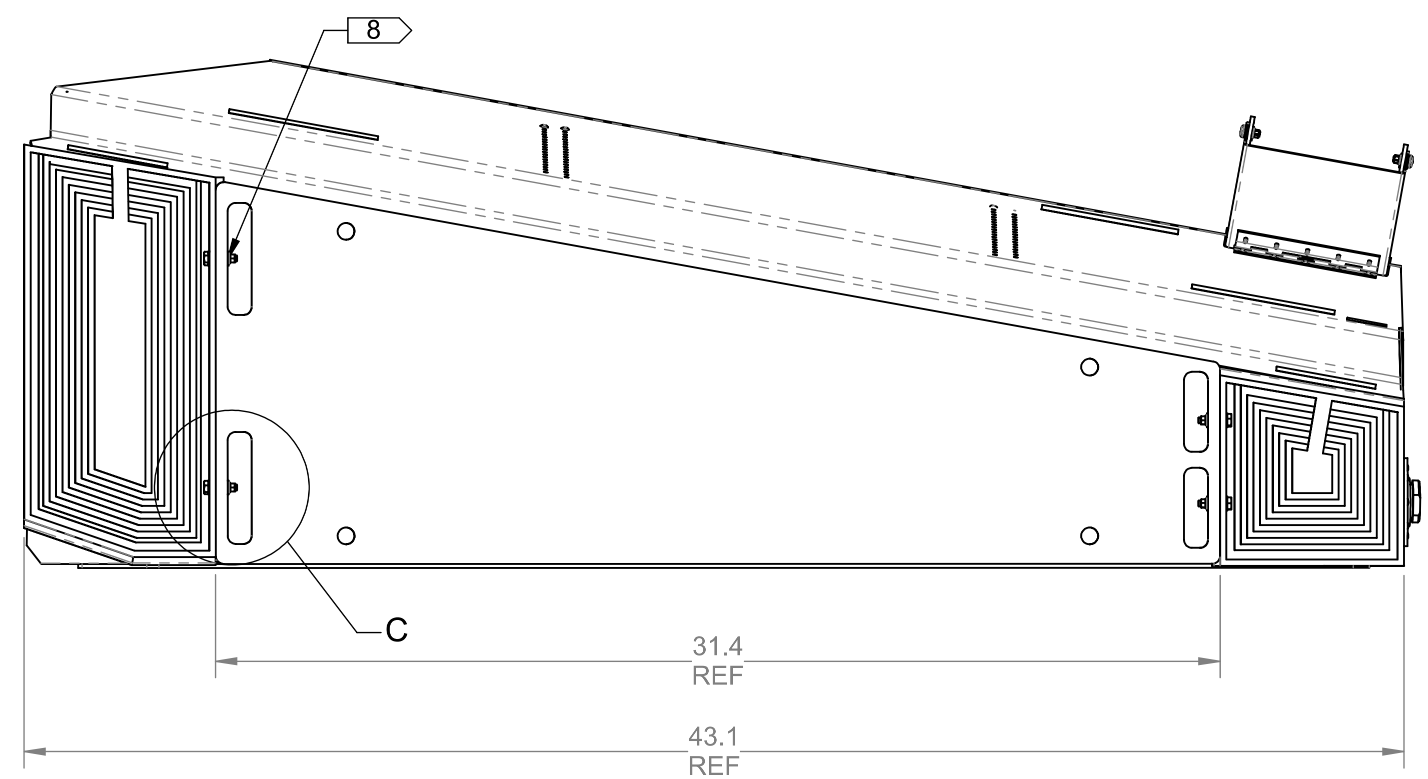
DESIGN	ML
DRAWN	PM
CHECKED	RF
MFG. APPR.	DD
APPROVED	HS
DE APPR.	DS
DATE	19.02.06

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4464 REV. J
SHEET 3 OF 6
TITLE: TANK ASSEMBLY
SCALE: NTS



DETAIL C
SCALE 3X

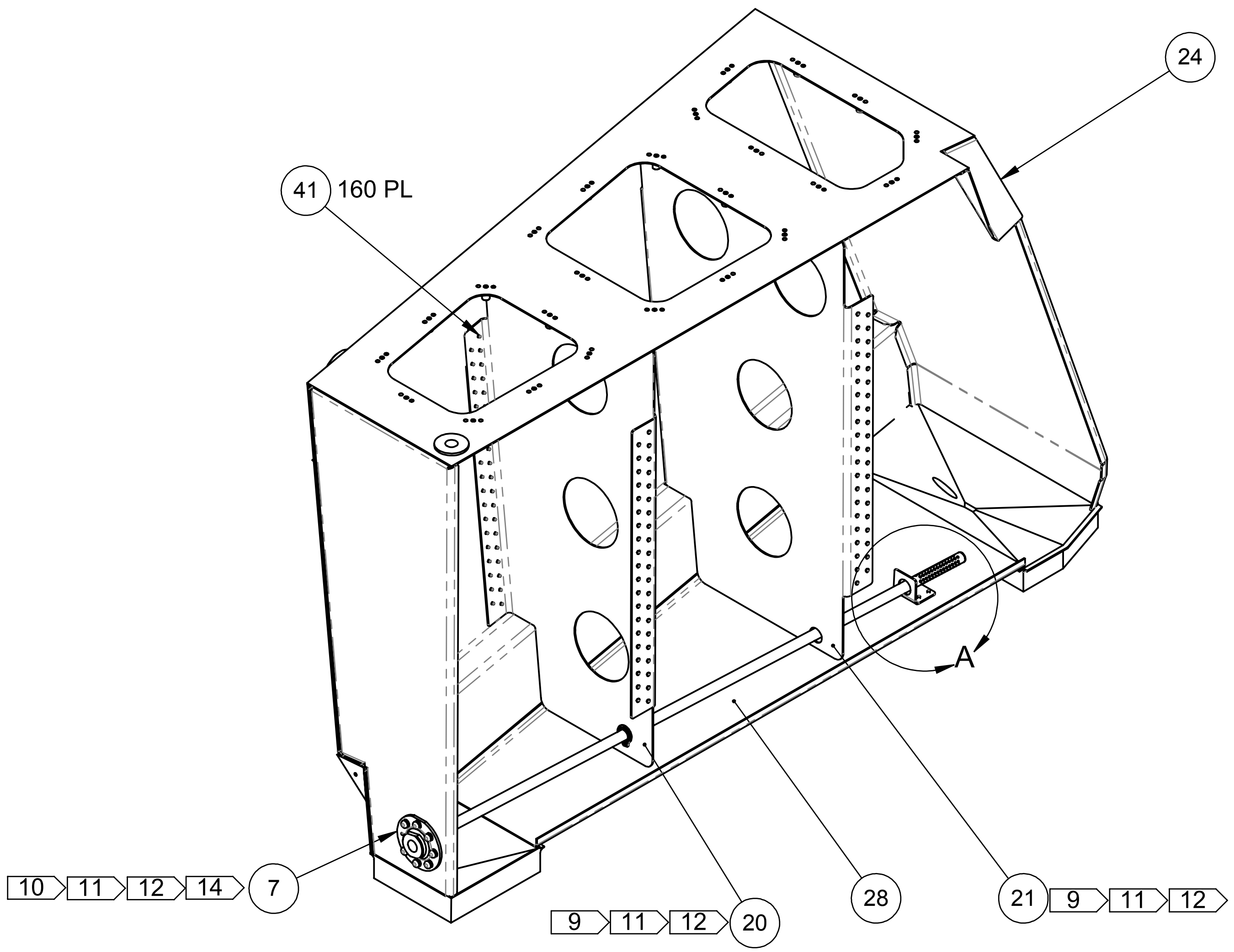


D4464-041 FUEL TANK ASSEMBLY
AUXILIARY VIEW

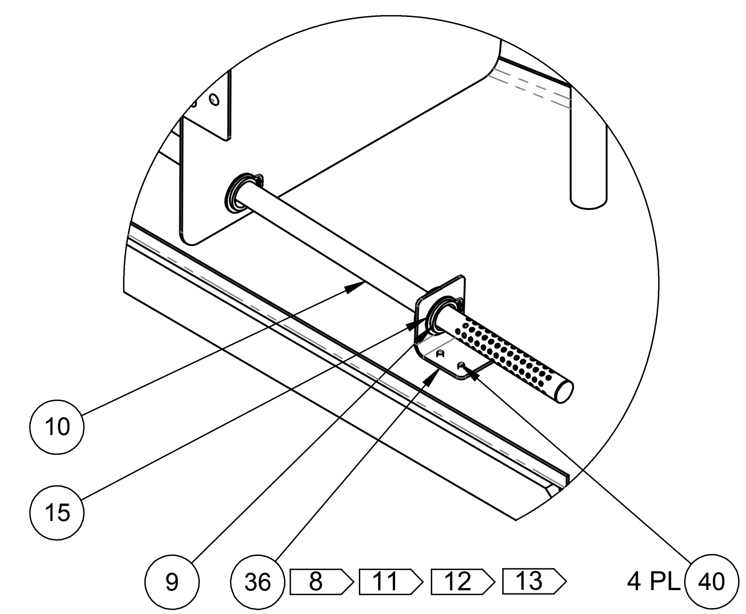
NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A
8) TRANSFER DRILL HOLES FROM D4125-1/-3 SEDIMENT BOWLS TO D4062-041 TANK SUPPORT ASSEMBLY

PRELIMINARY ISSUE

DESIGN	ML	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	PM	
CHECKED	RF	DRAWING NO. D4464 — REV. J — SHEET 4 OF 6
MFG. APPR.	DD	
APPROVED	HS	TITLE TANK ASSEMBLY — SCALE NTS
DE APPR.	DS	
DATE	19.02.06	



D4464-041 FUEL TANK ASSEMBLY
D4463-9 TANK BACK REMOVED
TO SHOW INTERIOR DETAIL

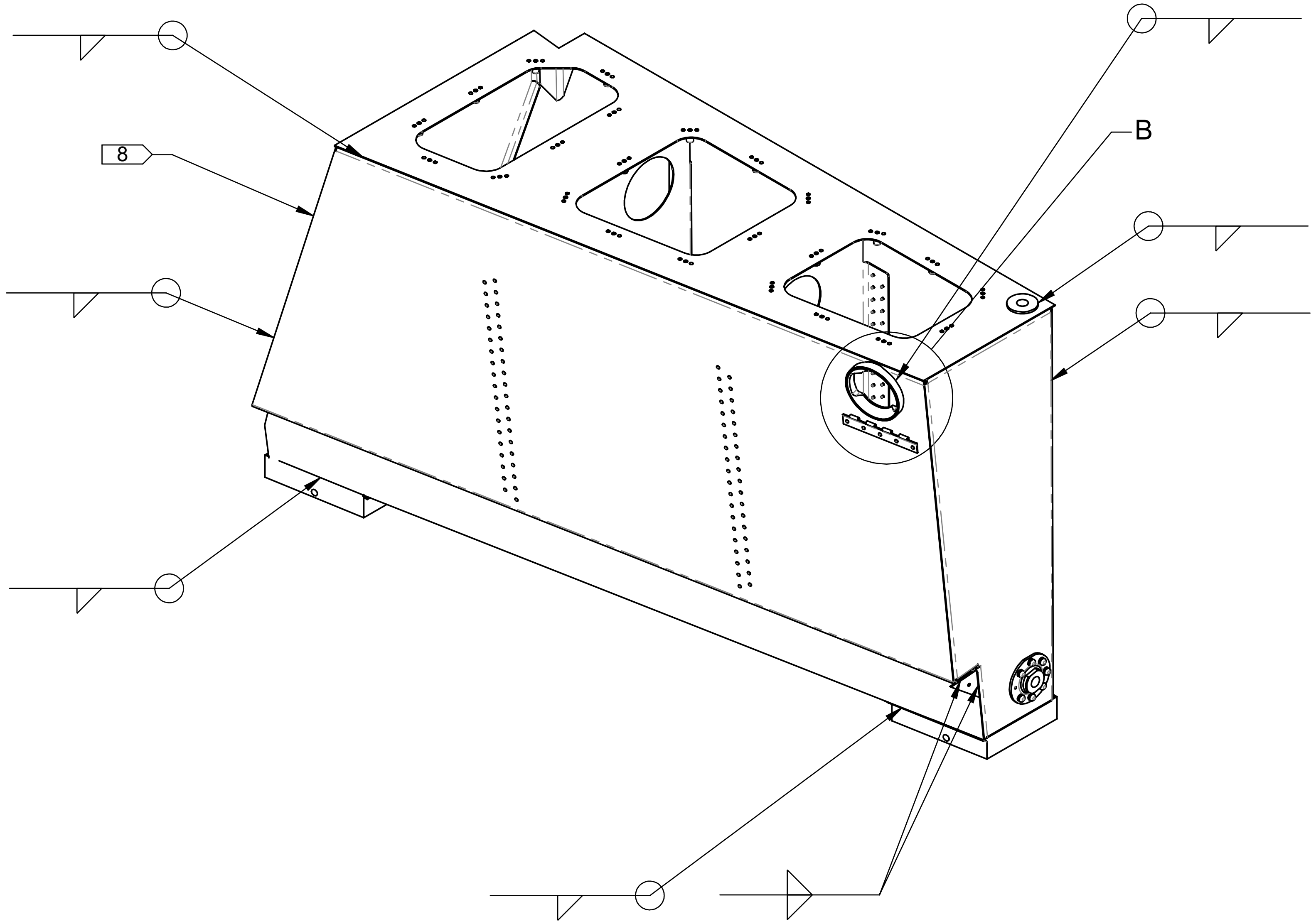


DETAIL A
ROTATED FOR CLARITY
SCALE 2X

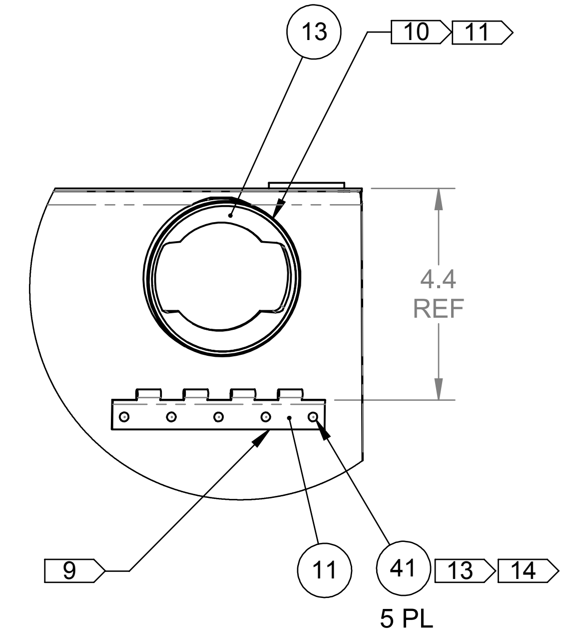
NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A
8) COAT FAYING SURFACES OF D4975-1 ANGLE BRACKET AND D4463-13 TANK BOTTOM WITH PROSEAL P/S 890B AND WET INSTALL MS20426AD4-4 RIVETS
9) COAT FAYING SURFACES OF D4462-1/-3 BAFFLES AND D4463-9/-11 TANK FRONT/BACK WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-4 RIVETS
10) COAT FAYING SURFACES OF D4000-1 FUEL SUPPLY FITTING AND D4463-3 TANK AFT END WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-6 RIVETS
11) FILLET SEAL THE INTERIOR OF THE TANK AROUND THE EDGE OF D4975-1 ANGLE BRACKET, D4462-1/-3 BAFFLES AND D4000-1 FUEL SUPPLY FITTING WITH PROSEAL P/S 890B
12) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B
13) TRANSFER DRILL ϕ0.128 HOLES FROM D4975-1 ANGLE BRACKET INTO D4463-13 TANK BOTTOM AND COUNTERSINK HOLES ϕ 0.225 X 100° FROM THE OUTSIDE OF THE TANK
14) INSTALL D4000-1 FITTING WITH FLAT FACING UPWARDS
15) BRUSH PROSEAL 890A ON ALL INTERNAL SHEET METAL FOLDS

PRELIMINARY ISSUE

DESIGN	ML	**DART AEROSPACE LTD** HAWKESBURY, ONTARIO, CANADA
DRAWN	PM	
CHECKED	RF	DRAWING NO. D4464 — REV. J — SHEET 5 OF 6
MFG. APPR.	DD	
APPROVED	HS	TITLE TANK ASSEMBLY — SCALE NTS
DE APPR.	DS	
DATE	19.02.06	



D4464-041 FUEL TANK ASSEMBLY
WELDING AND RIVETING DETAIL



DETAIL B
ROTATED FOR CLARITY
SCALE 2X

NOTES:
1) MATERIAL: N/A
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: N/A
8) TRIM FLANGES AS REQUIRED TO FIT ASSEMBLY
9) CENTER HINGE BELOW FUEL CAP FLANGE
10) POSITION FUEL CAP FLANGE AS SHOWN, ELONGATED HOLE APPROXIMATELY HORIZONTAL
11) POSITION FUEL CAP FLANGE SO THAT INNER FACE IS FLUSH WITH INSIDE OF TANK
12) WELD PER DART QSI 004
13) COAT FAYING SURFACES OF D4008-11 TANK HINGE HALF AND D4463-11 TANK FRONT WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-4 RIVETS
14) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B

PRELIMINARY ISSUE

DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	PM	
CHECKED	RF	DRAWING NO. D4464 — REV. J — SHEET 6 OF 6
MFG. APPR.	DD	
APPROVED	HS	TITLE: TANK ASSEMBLY — SCALE NTS
DE APPR.	DS	
DATE	19.02.06	